

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-179. (Canceled).

180. (Currently Amended) A method of administering a beneficial substance to a human or animal subject, said method comprising subcutaneously implanting an implant comprising a resorbable mesoporous silicon carrier material having a beneficial substance associated therewith, wherein the mesoporous silicon carrier material is ~~corrodible~~ resorbable or bio-erodible by mammalian subcutaneous physiological fluids.

181. (Previously Presented) A method according to claim 180, wherein the mesoporous silicon has a porosity between about 2% and 80%.

182. (Previously Presented) A method according to claim 180, wherein the mesoporous silicon has a porosity between about 4% and 50%.

183. (Previously Presented) A method according to claim 180, wherein the mesoporous silicon has a porosity of about 30%.

184. (Currently Amended) A method according to claim 180, wherein the beneficial substance is delivered ~~over an interval of between about one month and one year~~ for a month, or two or three months, or a year.

185. (Currently Amended) An implant according to claim 180, wherein the implant ~~has a largest dimension x, wherein $0 < x \leq 2\text{mm}$~~ may be in the size ranges >0 to 2mm x >0 to 20mm x >0 to 20mm .

186. (Currently Amended) A method according to claim 180, wherein the mesoporous silicon comprises an element as the beneficial substance which has been impregnated at a

concentration between 1 and 90 atomic percent at a depth, from the surface of the sample,
between 0.35 μ m and 1000 μ m.

187. (Currently Amended) A method according to claim ~~[[180]]~~186, wherein the element
is present at a concentration between 30 μ m and 1000 μ m.

188. (Previously Presented) A method according to claim 186, wherein the element is
phosphorus.

189. (Currently Amended) A method according to claim 180, wherein the beneficial
substance comprises ~~[[an]]~~a platinum anti-cancer substance.